

**COPY FROM PARENT**

Attorney Docket No.: 01-052230US

Client Reference No.: 100/09230

**DECLARATION**

As a below named inventor, I declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **USE OF NERNSTEIN VOLTAGE SENSITIVE DYES IN MEASURING TRANSMEMBRANE VOLTAGE** the specification of which X was filed on October 6, 2000 as Application No. 09/684,313.

I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56. I claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

**Prior Foreign Application(s)**

Country	Application No.	Date of Filing	Priority Claimed Under 35 USC 119

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

Application No.	Filing Date
60/158,323	October 8, 1999
60/168,792	December 2, 1999
60/229,951	September 1, 2000

I claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

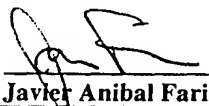
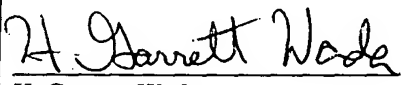
Application No.	Date of Filing	Status

COPY FROM PATENT

Attorney Docket No.: 01-052230US  
Client Reference No.: 100/09230

Full Name of Inventor 1:	Full Name: <b>Javier Anibal Farinas</b>		
Residence & Citizenship:	City: <b>San Carlos</b>	State/Foreign Country: <b>California</b>	Country of Citizenship: <b>USA</b>
Post Office Address:	Post Office Address: <b>75 Coronado Avenue, San Carlos, CA 94070 USA</b>		
Full Name of Inventor 2:	Full Name: <b>H. Garrett Wada</b>		
Residence & Citizenship:	City: <b>Atherton</b>	State/Foreign Country: <b>California</b>	Country of Citizenship: <b>USA</b>
Post Office Address:	Post Office Address: <b>55 Victoria Drive, Atherton, CA 94027</b>		

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1  <b>Javier Anibal Farinas</b>	Signature of Inventor 2  <b>H. Garrett Wada</b>
Date <b>1/4/01</b>	Date <b>1/7/01</b>

declaration

COPY FROM PARENT  
COPY FROM PARENT



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

MAY 04, 2001

PTAS  
LAW OFFICES OF JONATHAN ALAN QUINE  
JONATHAN ALAN QUINE, ESQ.  
P.O. BOX 458  
ALAMEDA, CA 94501



\*101621587A\*

RECEIVED

MAY 10 2001

LAW OFFICES OF  
JONATHAN ALAN QUINE

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 02/05/2001

REEL/FRAME: 011531/0961  
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

FARINAS, JAVIER ANIBAL

DOC DATE: 01/04/2001

ASSIGNOR:

WADA, H. GARRETT

DOC DATE: 01/07/2001

ASSIGNEE:

CALIPER TECHNOLOGIES CORP.  
605 FAIRCHILD DRIVE  
MOUNTAIN VIEW, CALIFORNIA  
94043-  
2234

SERIAL NUMBER: 09684313  
PATENT NUMBER:

FILING DATE: 10/06/2000  
ISSUE DATE:

COPY FROM PARENT

011531/0961 PAGE 2

SEDLEY PYNE, PARALEGAL  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

02-27-2001

Attorney Docket No. 01-052230US

FORM PTO-1595  
(Rev. 6-93)U.S. Department of Commerce  
Patent and Trademark Office

To the Honorable Asst. Commissioner for P:

101621587

Documents or copy thereof

1. Name of conveying party(ies):

Javier Anibal Farinas

2501

2. Name and address of receiving party(ies)

Name: Caliper Technologies Corp.

Internal Address:

Street Address:

605 Fairchild Drive  
Mountain View, CA 94043-2234

Additional names and addresses attached? No

Additional name(s) of conveying parties attached? Yes

3. Nature of conveyance:

- X Assignment Merger
- ☐ Security Agreement ☐ Change of Name
- ☐ Other:

Execution Date: January 4, 2001 &amp; January 7, 2001

4. Application Number(s) or Patent Numbers.

If this document is being filed together with a new application, the execution date of the application is:

- A. Patent Application No(s): 09/684313 B. Patent No(s):
- Additional numbers attached? No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Jonathan Alan Quine, Esq.  
Law Offices of Jonathan Alan Quine  
P.O. Box 458  
Alameda, CA 94501  
(510) 337-7871

6. Total number of applications and patents involved 1

7. Total fee (37 CFR 3.41): -----\$40.00

☐ Enclosed X Charge Fees to Deposit Account

X Charge any additional fees associated with this paper or during the pendency of this application, or credit any overpayment, to deposit account.

8. Deposit account number: 50-0893

DO NOT USE THIS SPACE

9. Statement and signature.

*To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true of copy of the original document.*Jonathan A. Quine  
Name of Person Signing  
SignatureJanuary 30, 2001  
Date

Atty Reg. No. 41,261

Total number of pages including cover sheet, attachments and document 4

10. Change Correspondence Address to that of Part 5? X Yes ☐ No

OMB No. 0651-0011 (exp. 4/94)

Mail documents to be recorded with required cover to:

Do not detach this portion

Asst. Commissioner for Patents  
Box: Assignments  
Washington, D.C. 20231

02/26/2001 6TOM11 00000139 500893 09684313

01 FC:581

40.00 CH

COPY FROM PARENT

1. Additional name(s) of conveying party(ies):  
(Continued from Page 1)

H. Garrett Wada

2. Additional name(s) and address(es) of receiving party(ies):  
(Continued from Page 1)

3. Additional application number(s) or patent number(s):  
(Continued from Page 1)

A. Patent Application No.(s)

B. Patent No.(s)

# COPY FROM PARENT

Attorney Docket No.: 01-052230US  
Client Reference No.: 100/09230

## ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Javier Anibal Farinas, of 75 Coronado Avenue, San Carlos, CA 94070 and H. Garrett Wada of 55 Victoria Drive, Atherton, CA 94027, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: USE OF NERNSTEIN VOLTAGE  
SENSITIVE DYES IN MEASURING  
TRANSMEMBRANE VOLTAGE

Filing Date: October 6, 2000

Application No.: 09/684,313; and

WHEREAS, Caliper Technologies Corp., a Delaware corporation, located at 605 Fairchild Drive, Mountain View, CA 94043-2234, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on any patent application claiming priority from the same in the United States and all countries throughout the world, and which claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

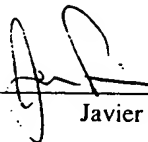
Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

# COPY FROM PARENT

Assignment  
Application No.: 09/684,513  
Page 2

IN TESTIMONY WHEREOF, Assignors have signed his/her name on the date indicated.

Dated: 1/04/01

  
Javier Anibal Farinas

Dated: 1/7/01

  
H. Garrett Wada



**COPY FROM PARENT**  
**COPY FROM PARENT**

(Modified) PTO/SB/81 (11-96)

Approved for use through 6/30/99. OMB 0651-0035

<b>POWER OF ATTORNEY OR AUTHORIZATION OF AGENT, NOT ACCOMPANYING APPLICATION</b>	Application Number	09/684,313
	Filing Date	October 6, 2000
	First Named Inventor	Javier Anibal Farinas
	Group Art Unit	1645
	Examiner Name	Unassigned
	Attorney Docket Number	01-052230US

I hereby appoint:

☒ Practitioners at Customer Number

22798

Type Customer Number Here



AND

☒ Practitioner(s) named below:

Name	Registration Number
Matthew B. Murphy	39,787
Gulshan Shaver	37,496

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

☒ The above-mentioned Customer Number.

OR

Firm or Individual Name					
Address					
Address					
City		State		Zip	
Country					
Telephone		Fax			

I am the

Applicant.

☒ Assignee of record of the entire interest (*Certificate under 37 CFR 3.73(b) is enclosed*)

SIGNATURE of Applicant or Assignee of Record

Name	J. Wallace Parce, Vice President of Research
Signature	
Date	January 10, 2001

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States as first class mail in an envelope addressed to:  
 Assistant Commissioner for Patents, Washington, D.C. 20231 on this date: January 30, 2001

Typed or printed name	Juliana Hermes		
Signature		Dat	January 30, 2001

COPY FROM PARENT

PTO/SB/96 (2-98)

Approved for use through 09/30/02000. OMB 0651-0031

**STATEMENT UNDER 37 CFR 3.73(b)**

Applicant: Javier Anibal Farinas, et al.

Application No.: 09/684,313

Filed: October 6, 2000

Entitled: Use Of Nernstein Voltage Sensitive Dyes In Measuring Transmembrane Voltage

Caliper Technologies Corp., a

corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of an undivided part interest

in the patent application identified above by virtue of either:

A. [ X ] An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel \_\_, Frame \_\_, or for which a copy thereof is attached.

OR

B. [ ] A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_, Frame \_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_, Frame \_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_, Frame \_\_\_\_, or for which a copy thereof is attached.

[ ] Additional documents in the chain of title are listed on a supplemental sheet

[X] Copies of assignments or other documents in the chain of title are attached.

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

January 10, 2001  
Date

  
Signature

J. Wallace Parce  
Typed or printed name

Vice President of Research  
Title